

ANIKET GADE

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EDUCATION

University of Texas at Arlington , Arlington - TX	Aug 2017 - Dec 2019
M.S. Computer Science – Intelligent Systems and Databases.	GPA 3.50
Savitribai Phule Pune University , Pune - India	2013 – 2017
Bachelor of Engineering, Computer Engineering	GPA 3.77
Ranked 5 th in the Department of Computer Engineering. Standing: First Class with Distinction.	

SKILLS

Languages:	Python (Primary), C/C++ (Basics), Java (Basics), Shell Script (Basics).
Databases:	MySQL (Intermediate), MongoDB (Basics).
Tools:	Spyder, Eclipse (JUnit, JUnit4), Netbeans, Jupyter Notebook.
Data Science/ML	Numpy, Pandas, Matplotlib, Scikit Learn, Tensorflow (Basics), Keras (Basics), NLTK (Basics)
Web Technologies:	HTML, CSS, JavaScript (Basics), PHP, XML, Laravel.
Platforms/OS:	Google Cloud Platform (Coursera Certified), Linux, Windows, Arduino, Raspberry Pi

EXPERIENCE

Research Intern – Center for Communication, Media and Information Technologies	Dec 2016 -2017
University of Aalborg - Copenhagen, Denmark	
<ul style="list-style-type: none">Performed analytical research on “Traffic Management System for Emergency Vehicles”.Designed the architecture of the system and created a prototype using Arduino Mega 2560 and multiple sensors.Programmed the board using the Arduino SDK and created a theoretical solution based on Azure IoT suite.Proposed a business model using business canvas technique and MoSCoW Models.	

ACADEMIC PROJECTS

Detection of Physical Fatigue and Nurse Burnouts – UTA Heracleia Lab Project

- Studied the state of art technologies for fatigue detection.
- Built an application in python to collect data using the zephyr biomodule sensor.
- Implemented RNN's, Decision trees and CNN's over a common data set
- Created reports using data visualization with Dash and Matplotlib.

Behaviour-Based Fire Alarm Robot – Course Project

- Designed and programmed a Lego Mindstorm robot that can autonomously explore an unknown environment using ultrasonic, touch and light/colour sensors.
- Coded in C++ using a custom SDK for 2 behaviours: wander and wall follower; which were switched stochastically.

Deep Learning Specialization – Coursera Project

- Built CNNs, RNNs, LSTMs and other neural nets using python and libraries like Numpy, Pandas, Keras, Tensorflow etc.
- Implemented Adam, Dropout, BatchNorm, Xavier/He initialization and other optimization techniques.
- Worked on case studies from healthcare, autonomous driving, sign language interpretation, music generation, and natural language processing.

Web design and deployment – Course Project

- Created a database driven website using HTML, CSS, JavaScript and MySQL with PHP. Deployed it on UTA Cloud.
- Migrated the website to Laravel (a PHP based MVC framework).
- Created a fully functional blog page with CRUD operations and access control. Also created an Admin Panel.
- Link: aniketgade.uta.cloud

ACTIVITIES

- PETRA Conference Coordinator**
I was the first point of contact for paper reviewers and submitters. I was responsible for helping them on any problems or queries they may have.
- Barista – Starbucks**
I was responsible to provide excellent customer service, handle cash and make high quality coffee beverages. I was awarded multiple "Employee of the month" awards for my customer service skills.
- Volunteer - MotoGP and Formula 1**
Volunteered for the guest services team at Circuit of the Americas - Austin for motorsports events. I was responsible for helping people from over 100 countries regarding any questions they had about the 1500-acre facility.